



# LEARNING CENTER

## Contents

- Training Program Overview
- Training Enrollment & Completion
- CC2 Learning Catalog
- CC3 Learning Catalog



# LEARNING CENTER

## Training Program Overview

With over 160 years of experience to draw from, DEUTZ offers effective products and training to meet your needs.

Whether you are an end user, equipment manufacturer, or service center, DEUTZ Americas can provide courses that are relevant to your business. Our factory certified training provides in depth coverage of the latest industrial engine technologies primarily focusing on how to efficiently maintain, diagnose, and repair the full DEUTZ product line.

Subjects are broken into learning plans which contain all activities necessary to become proficient with a subject. This may include online courses, classroom training, as well as post-tests.

Three competency levels are available to assist you in finding the training that best suits your needs:

### CC1

Developed for entry level technical and non-technical roles.

This training covers engine introduction and maintenance. It is typically comprised of online courses that are intended to cover the basics.

### CC2

Developed for End Users, Rentals, Equipment Manufacturers, and CC2 Dealers

This typically consists of 8 hours of online training and covers external engine including fuel, emissions, and electrical systems.

### CC3

Developed for Distributors and CC3 Dealers

This training is typically 3-5 days in length and covers the entire engine including internal mechanical, fuel, emissions, and electrical systems. **CC2 certification is a prerequisite for CC3 training.**

# LEARNING CENTER

## DEUTZ Americas Training Enrollment & Completion

### 1 Create Learning Center Account

Online Learning Center



Production

Login

\*Required Field

\*Username:

\*Password:

Sign In

Forgot your password? Request a new account.

Visit [www.dcatraining.com](http://www.dcatraining.com) and request a learning center account.

### 2 Enroll in a CC2 Learning Plan

Available Learning

CC1 1-2	CC1 2-4	CC1 4-8	CC1 12-16V	CC1 9-18	CC1 SerDia
CC2 2-4	CC2 4-8	CC2 12-16V	CC2 9-18	CC2 SerDia	
CC3 1-2	CC3 2-4	CC3 4-8	CC3 12-16V	CC3 9-18	CC3 SerDia
CC3 2-4	CC3 4-8	CC3 12-16V	CC3 9-18	CC3 SerDia	Recertification

Once logged in, available learning plans can be found on the right side of the learning center welcome screen.

Clicking a button displays information about that learning plan and allows you to enroll in it.

### 3 Complete the assigned courses

Assigned Learning

- + CC2 Technician Certification 12-16 Liter 22.0.0
- + CC2 Technician Certification 9-18 Liter 22.0.0
- + CC3 Technician Certification 9-18 Liter 22.0.0
- + (RS07) Application in Engineering
- CC2 Technician Certification G2-4 Liter 22.0.0
  - Fuels Course 1 - Liquefied Petroleum Gas
  - DEUTZ G2-4 Liter - Introduction & Overview
  - DEUTZ G 2-4 Liter - Fuel & Ignition Systems
  - DEUTZ SerDia 2010 - Working with the G2-4 Liter engines

Learning plans you have enrolled in can be found on the left side of the Learning Center welcome page under **Assigned Learning**.

Click on the name of a learning plan or course to open it.



# LEARNING CENTER

## 4 Enroll in a CC3 Learning Plan

Available Learning					
CC1	CC1	CC1	CC1	CC1	CC1
1-2	2-4	4-8	12-16V	9-18	SerDia
CC2	CC2	CC2	CC2	CC2	CC2
2-4	4-8	12-16V	9-18	SerDia	
CC3	CC3	CC3	CC3	CC3	CC3
1-2	2-4	4-8	12-16V	9-18	SerDia
CC3	CC3	CC3	CC3	CC3	CC3
2-4	4-8	12-16V	9-18	SerDia	
Recertification	Recertification	Recertification	Recertification	Recertification	Recertification

If you wish to attend classroom training, enroll in the CC3 learning plan by clicking on it.

Note that CC2 certification is a prerequisite to enrollment in a CC3 learning plan.

## 5 Complete the assigned courses

Assigned Learning
+ CC2 Tech Certification 9-18 Liter 22.0.0
- CC3 Tech Certification 9-18 Liter 22.0.0
- CC3 9-18 Liter Inline (ILT)
- DEUTZ 9-18 Liter CC3 Certification

Once enrolled in the CC3 learning plan, go to **Assigned Learning** and click on the classroom training (ILT) under that CC3 plan to enroll in a training event.

Complete the CC3 certification test once you

## 6 Enroll in CC3 Recertification

Available Learning					
CC1	CC1	CC1	CC1	CC1	CC1
1-2	2-4	4-8	12-16V	9-18	SerDia
CC2	CC2	CC2	CC2	CC2	CC2
2-4	4-8	12-16V	9-18	SerDia	
CC3	CC3	CC3	CC3	CC3	CC3
1-2	2-4	4-8	12-16V	9-18	SerDia
CC3	CC3	CC3	CC3	CC3	CC3
2-4	4-8	12-16V	9-18	SerDia	
Recertification	Recertification	Recertification	Recertification	Recertification	Recertification

CC3 certifications can be maintained through the annual completion of online training.

Enroll in the recertification learning plan by clicking its button.

Once enrolled, complete the required courses found under **Assigned Learning**.

Recertifications will be automatically reassigned 1 year from the last date of completion **and must be completed under Assigned Learning**.

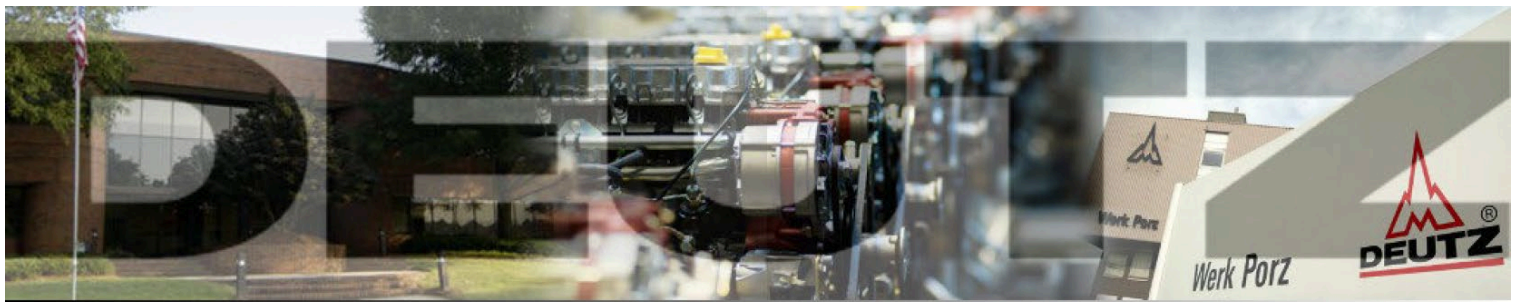


## CC2 Learning Catalog

Developed for End Users, Equipment Rentals, Equipment Manufacturers, and CC2 Dealers; CC2 level training typically consists of 8 hours of online training and covers external engine including fuel, emissions, and electrical systems.

Learning Plan	CC2 2-4 Liter
<b>Description</b>	An online CC2 level certification program for the DEUTZ T/C/D2.2, 2.9, and 3.6 engine models.  This learning plan addresses the SerDia diagnostic software, engine maintenance, and external engine systems including fuel, emissions, and electrical.
<b>Included Courses</b>	DEUTZ Basic Common Rail
	DEUTZ Basic Emissions
	Serdia Introduction
	Serdia Advanced Navigation
	Serdia Graphics
	2-4 Liter – Introduction
	2-4 Liter – Fluid Systems
	2-4 Liter – Fuel Systems
	2-4 Liter – Emissions Systems
	2-4 Liter – Electrical Systems
	Post Test

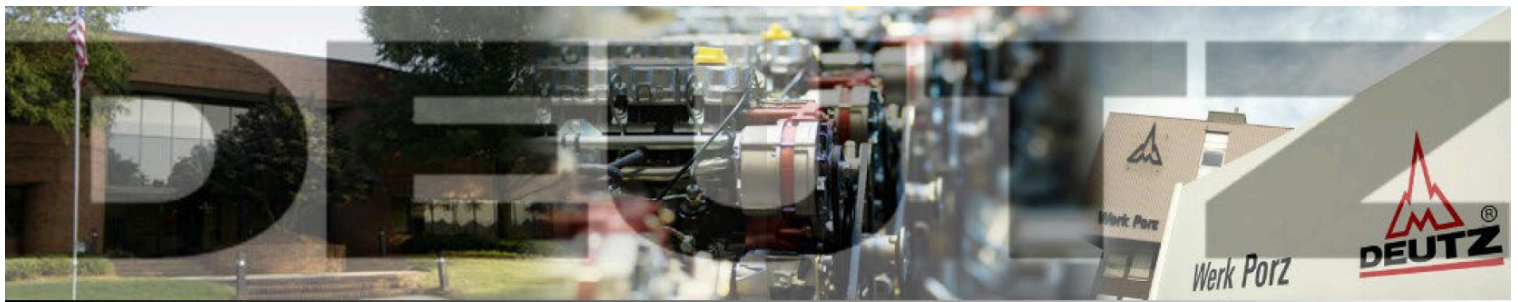
Learning Plan	CC2 G2-4 Liter
<b>Description</b>	An online CC2 level certification program for the LPG and gasoline variants of the DEUTZ T/C/G2.2 and 2.9 engine models. <b>CC2 2-4 Liter certification is required to enroll in this learning plan.</b>  This learning plan addresses the SerDia diagnostic software, engine maintenance, and external engine systems including fuel, ignition, emissions, and electrical.
<b>Included Courses</b>	Fuels Course 1 - Liquefied Petroleum Gas
	DEUTZ G2-4 Liter - Introduction & Overview
	DEUTZ G2-4 Liter - Fuel & Ignition Systems
	DEUTZ SerDia - Working with the G2-4 Liter engines
	Post Test



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Learning Plan	CC2 4-8 Liter
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ TCD4.1, 5.2, 6.1, and 7.8 engine models.</p> <p>This learning plan addresses the SerDia diagnostic software, engine maintenance, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>DEUTZ Basic Common Rail</p> <p>DEUTZ Basic Emissions</p> <p>Serdia Introduction</p> <p>Serdia Advanced Navigation</p> <p>Serdia Graphics</p> <p>4-8 Liter - Introduction</p> <p>4-8 Liter - Fluid Systems</p> <p>4-8 Liter - Fuel Systems</p> <p>4-8 Liter - Emissions Systems</p> <p>4-8 Liter - Electrical Systems</p> <p>Post Test</p>

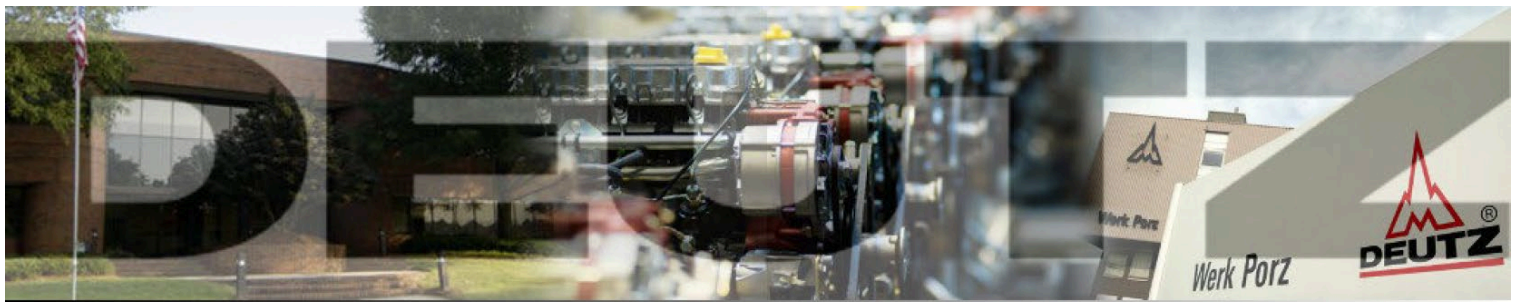
Learning Plan	CC2 12-16 Liter V
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ TCD12.0 and 16.0 V engine models.</p> <p>This learning plan addresses the SerDia diagnostic software, engine maintenance, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>DEUTZ Basic Common Rail</p> <p>DEUTZ Basic Emissions</p> <p>Serdia Introduction</p> <p>Serdia Advanced Navigation</p> <p>Serdia Graphics</p> <p>12-16 Liter V - Introduction</p> <p>12-16 Liter V - Fluid Systems</p> <p>12-16 Liter V - Fuel Systems</p> <p>12-16 Liter V - Emissions Systems</p> <p>12-16 Liter V - Electrical Systems</p> <p>Post Test</p>



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Learning Plan	CC2 9-18 Liter
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ TCD9.0, 12.0, 13.5, and 18.0 inline engine models.</p> <p>This learning plan addresses the SerDia diagnostic software, engine maintenance, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	DEUTZ Basic Common Rail
	DEUTZ Basic Emissions
	Serdia Introduction
	Serdia Advanced Navigation
	Serdia Graphics
	9-18 Liter - Introduction
	9-18 Liter - Fluid Systems
	9-18 Liter - Fuel Systems
	9-18 Liter - Emissions Systems
	9-18 Liter - Electrical Systems
	Post Test

Learning Plan	CC2 Advanced SerDia Diagnostics
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ SerDia diagnostic software and advanced electronic engine management systems.</p> <p>This learning plan addresses the SerDia diagnostic software, electrical diagnosis, and CAN bus networking.</p>
<b>Included Courses</b>	DEUTZ Basic Electrical - Fundamentals
	DEUTZ Basic Electrical - Practical Electrical
	CAN Bus System Fundamentals
	Serdia Introduction
	Serdia Advanced Navigation
	Serdia Graphics
	Post Test



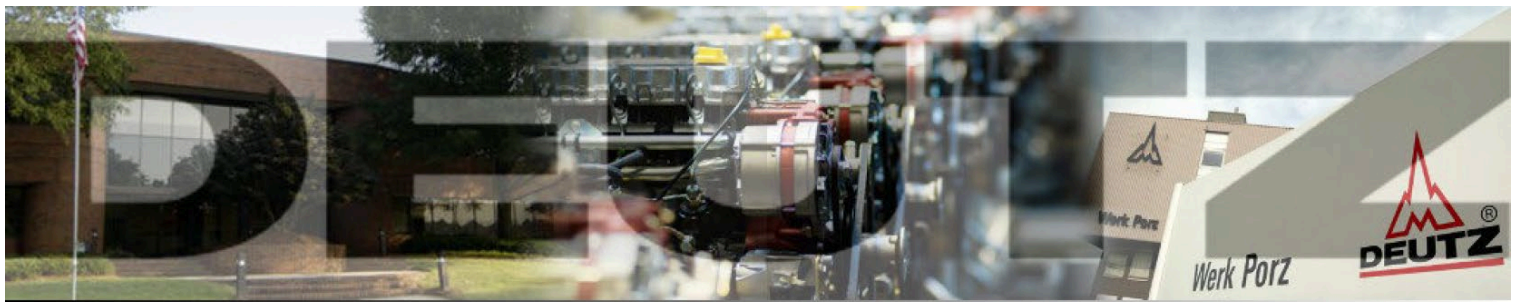
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Learning Plan	CC2 LEGACY 2-4 Liter
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ T/C/D 2011 engine models.</p> <p>This learning plan addresses engine maintenance and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>Legacy 2-4 Liter - Introduction</p> <p>Legacy 2-4 Liter - Maintenance &amp; Fluid Systems</p> <p>Legacy 2-4 Liter - Fuel System</p> <p>Legacy 2-4 Liter - Emissions Systems</p> <p>Post Test</p>

Learning Plan	CC2 LEGACY 4-8 Liter
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ 1012, 1013, 2012, and 2013 engine models.</p> <p>This learning plan addresses engine maintenance and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>Legacy 4-8 Liter - Introduction</p> <p>Legacy 4-8 Liter - Maintenance &amp; Fluid Systems</p> <p>Legacy 4-8 Liter - PLN Fuel System</p> <p>Legacy 4-8 Liter - DCR Fuel System</p> <p>Legacy 4-8 Liter - Emissions Systems</p> <p>Post Test</p>

Learning Plan	CC2 LEGACY 12-16 Liter
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ 1015 &amp; 2015 engine series.</p> <p>This learning plan addresses engine maintenance and external engine systems.</p>
<b>Included Courses</b>	<p>DEUTZ Legacy 12-16 Liter - Introduction</p> <p>DEUTZ Legacy 12-16 Liter - Maintenance &amp; Fluid Systems</p> <p>DEUTZ Legacy 12-16 Liter - PLN Fuel System</p> <p>DEUTZ Legacy 12-16 Liter - MVS Fuel System</p> <p>Post Test</p>

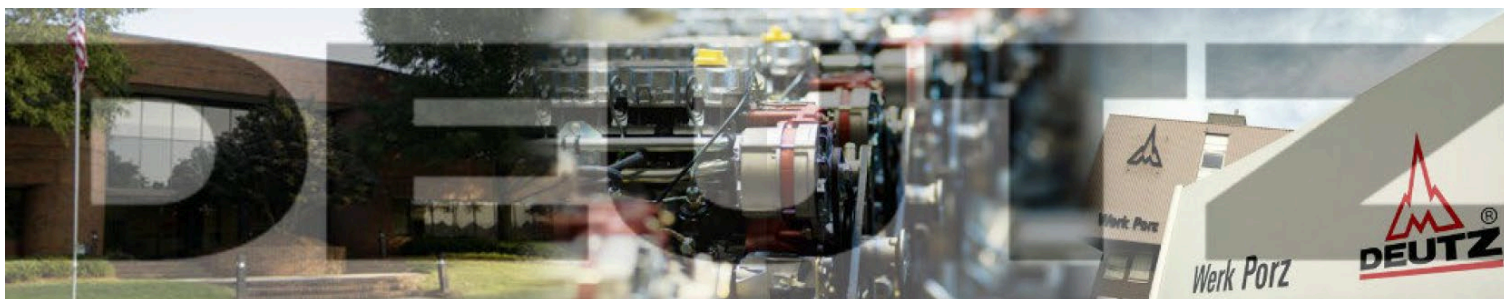




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Learning Plan	CC2 LEGACY 914
<b>Description</b>	<p>An online CC2 level certification program for the DEUTZ 914 Tier 3 engine models.</p> <p>This learning plan addresses engine maintenance and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	DEUTZ Legacy 914 - Introduction
	DEUTZ Legacy 914 - Maintenance & Fluid Systems
	DEUTZ Legacy 914 - PLN Fuel System
	Post Test

Learning Plan	CC2 Failure Analysis
<b>Description</b>	<p>An online CC2 level certification learning plan for engine failure analysis.</p> <p>This learning plan addresses failure analysis as applied to the internal combustion engine and its major components.</p>
<b>Included Courses</b>	Torque Wrench Fundamentals
	Failure Analysis - Disassembly
	Failure Analysis - Lubricating Oil
	Failure Analysis - Bearings
	Failure Analysis - Crankshaft
	Failure Analysis - Connecting Rods
	Failure Analysis - Pistons
	Post Test



# LEARNING CENTER

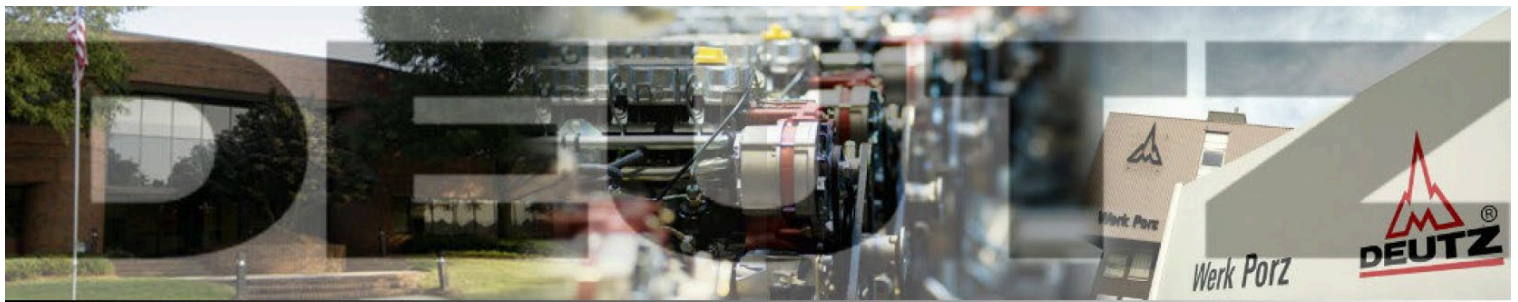
## CC3 Learning Catalog

Developed for Distributors and CC3 Dealers; CC3 level training typically consists of 3-5 days of classroom instruction and covers the entire engine including internal mechanical, fuel, emissions, and electrical systems.

CC2 certification is a prerequisite for CC3 training.

Learning Plan	CC3 1-2 Liter
<b>Description</b>	An online certification program for the new DEUTZ D1.2 L03 engine model.
<b>Included Courses</b>	1-2 Liter Courses 1 - Introduction
	1-2 Liter Courses 2 - Fluid Systems
	1-2 Liter Courses 3 - Fuel System
	Post Test

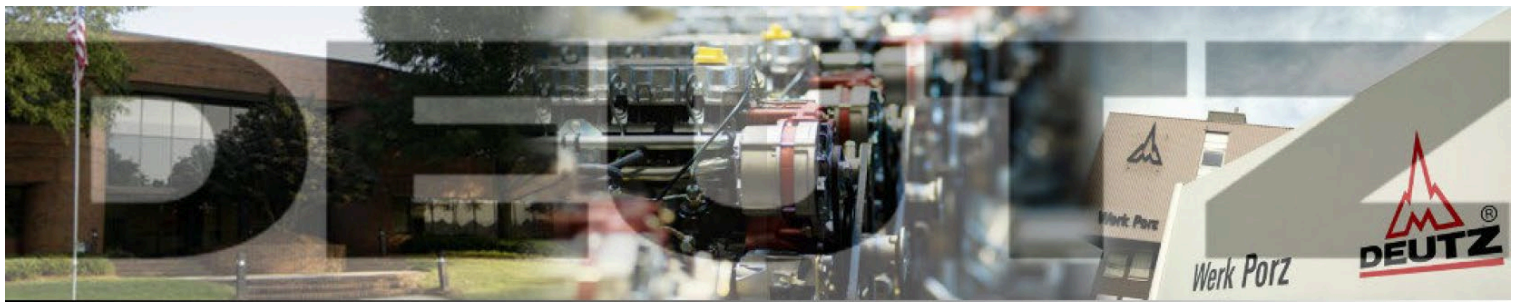
Learning Plan	CC3 2-4 Liter
<b>Description</b>	A CC3 level certification program for the DEUTZ T/C/D2.2, 2.9, and 3.6 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b>  This training addresses the SerDia diagnostic software, engine maintenance, engine overhaul, and external engine systems including fuel, emissions, and electrical.
<b>Included Courses</b>	CC3 2-4 Liter ILT (30 hour classroom)
	DEUTZ Service Process (online)
	DEUTZ 2-4 Liter CC3 Certification Test (online)
<b>Schedule</b>	
AB, Edmonton	Jun 25-28, Nov 26-29 @ \$1400.00 CAD/attendee
CA, City of Industry	Nov 11-14 @ \$2000.00/attendee
GA, Norcross (DCA)	Aug 6-9 @ \$800.00/attendee
Mexico, Chihuahua	Nov 14-17 @ \$800.00/attendee
Panama, Alta Vista	Sep 2-5 @ \$500.00/attendee
QC, Montreal	May 21-24 @ \$1000.00 CAD/attendee
TX, Houston	Jul 16-19 @ \$1275.00/attendee



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Learning Plan	CC3 G2-4 Liter
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ G2.2 and G2.9 engine models. This learning plan includes 24 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This training addresses the SerDia diagnostic software, engine maintenance, engine overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>CC3 G2-4 Liter ILT (24 hour classroom)</p> <p>DEUTZ G2-4 Liter CC3 Certification Test (online)</p>
<b>Schedule</b>	
GA, Norcross (DCA)	Sep 24-26 @ \$800.00/attendee

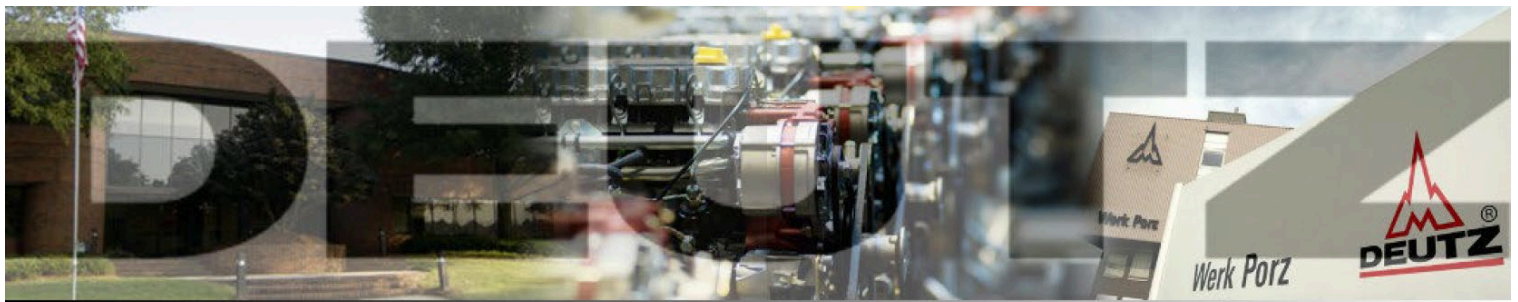
Learning Plan	CC3 4-8 Liter
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ TCD4.1, 5.2, 6.1, and 7.8 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This training addresses the SerDia diagnostic software, engine maintenance, engine overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>CC3 4-8 Liter ILT (32 hour classroom)</p> <p>DEUTZ Service Process (online)</p> <p>DEUTZ 4-8 Liter CC3 Certification Test (online)</p>
<b>Schedule</b>	
AB, Edmonton	Sep 17-20 @ \$1400.00 CAD/attendee
CA, City of Industry	Dec 16-20 @ \$2000.00/attendee
GA, Norcross (DCA)	Jul 23-26 @ \$800.00/attendee
Mexico, Chihuahua	Jun 4-7 @ \$800.00/attendee
QC, Montreal	Jun 10-14 @ \$1200.00 CAD/attendee
WA, Vancouver	Oct 21-25 @ \$800.00/attendee



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Learning Plan	CC3 12-16 Liter
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ TCD2015, 12.0, and 16.0 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This training addresses the SerDia diagnostic software, engine maintenance, engine overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>CC3 12-16 Liter ILT (40 hour classroom)</p> <p>DEUTZ Service Process (online)</p> <p>DEUTZ 12-16 Liter CC3 Certification Test (online)</p>
<b>Schedule</b>	
GA, Norcross (DCA)	Jul 9-12 @ \$800.00/attendee

Learning Plan	CC3 9-18 Liter
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ TCD9.0, 12.0, 13.5, and 18.0 engine models. This learning plan includes 40 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This training addresses the SerDia diagnostic software, engine maintenance, engine overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	<p>CC3 9-18 Liter ILT (40 hour classroom)</p> <p>DEUTZ Service Process (online)</p> <p>DEUTZ 9-18 Liter CC3 Certification Test (online)</p>
<b>Schedule</b>	
AB, Edmonton	Oct 23-25 @ \$1400.00 CAD/attendee
GA, Norcross (DCA)	Oct 7-11 @ \$1000.00/attendee
QC, Montreal	Sep 30-4 @ \$1200.00 CAD/attendee

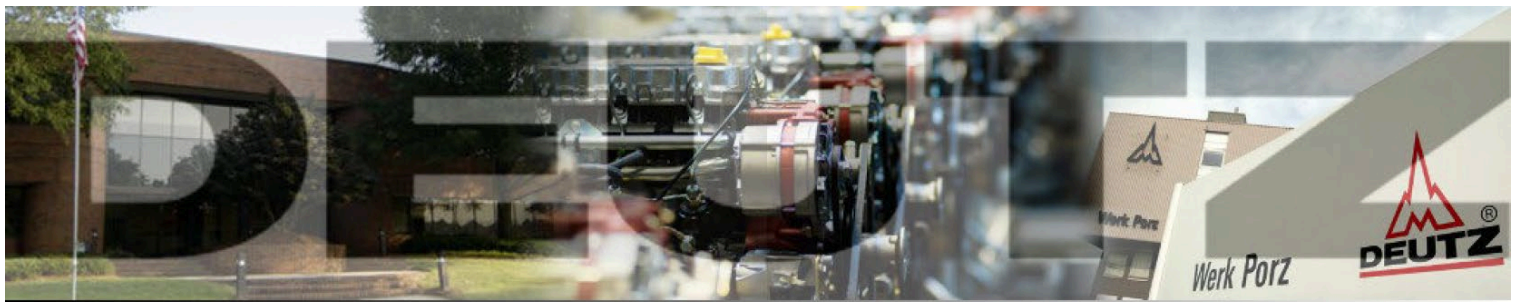


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Learning Plan	CC3 Advanced SerDia Diagnostics
<b>Description</b>	A CC3 level certification program for the DEUTZ SerDia diagnostic software and electronic governing systems. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b>  This training addresses the SerDia diagnostic software, electrical diagnosis, and CAN bus networking.
<b>Included Courses</b>	CC3 Advanced SerDia Diagnostics ILT (32 hour classroom) DEUTZ Service Process (online) Advanced SerDia CC3 Technician Certification Test (online)
<b>Schedule</b>	
AB, Edmonton	Jun 4-7 @ \$1400.00 CAD/attendee
CA, City of Industry	Oct 21-24 @ \$2000.00/attendee
GA, Norcross (DCA)	Jun 4-7, Aug 20-23 @ \$800.00/attendee
Panama, Alta Vista	Sep 20-23 @ \$500.00/attendee
QC, Montreal	Sep 10-13 @ \$1000.00 CAD/attendee
TX, Houston	Aug 6-9 @ \$1275.00/attendee
WA, Vancouver	Nov 11-15 @ \$800.00/attendee

Learning Plan	CC3 LEGACY 2-4 Liter
<b>Description</b>	A CC3 level certification program for the DEUTZ T/C/D 2011 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b>  This learning plan addresses engine maintenance, overhaul, and external engine systems including fuel, emissions, and electrical.
<b>Included Courses</b>	CC3 LEGACY 2-4 Liter ILT (32 hour classroom) LEGACY 2-4 Liter CC3 Technician Certification Test (online)
<b>Schedule</b>	
GA, Norcross (DCA)	Oct 22-25 @ \$800.00/attendee

Learning Plan	CC3 LEGACY 4-8 Liter
<b>Description</b>	A CC3 level certification program for the DEUTZ 1012, 1013, 2012, and 2013 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b>  This learning plan addresses engine maintenance, overhaul, and external engine systems including fuel, emissions, and electrical.
<b>Included Courses</b>	CC3 LEGACY 4-8 Liter ILT (32 hour classroom)
<b>Schedule</b>	

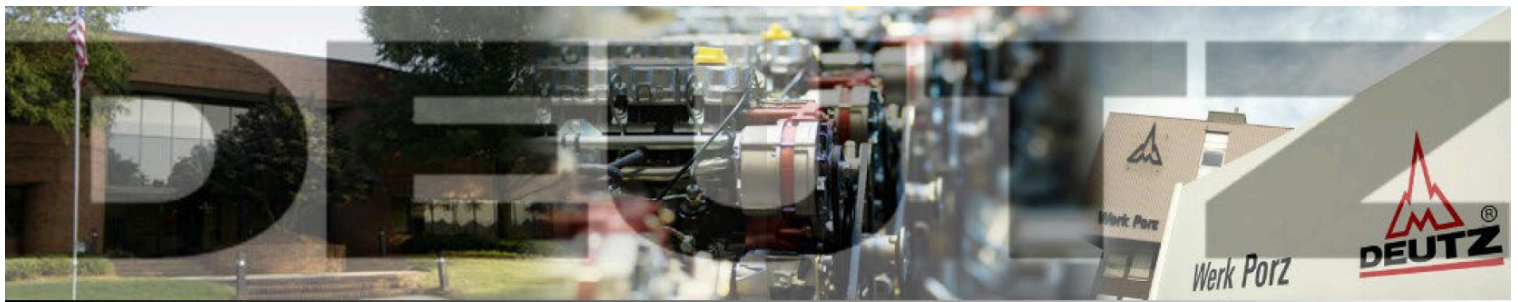


# LEARNING CENTER

Learning Plan	CC3 LEGACY 12-16 Liter
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ 1015 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This learning plan addresses engine maintenance, overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	CC3 LEGACY 12-15 Liter ILT (32 hour classroom)
<b>Schedule</b>	
Mexico, Chihuahua	Nov 5-8 @ \$800.00/attendee

Learning Plan	CC3 LEGACY 914
<b>Description</b>	<p>A CC3 level certification program for the DEUTZ 914 Tier 3 engine models. This learning plan includes 32 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This learning plan addresses engine maintenance, overhaul, and external engine systems including fuel, emissions, and electrical.</p>
<b>Included Courses</b>	CC3 LEGACY 914 ILT (32 hour classroom)
<b>Schedule</b>	
Mexico, Chihuahua	Sep 3-9 @ \$800.00/attendee

Learning Plan	CC3 Failure Analysis
<b>Description</b>	<p>A CC3 level certification program for engine failure analysis. This learning plan includes 24 hours of classroom instruction. <b>CC2 certification is required for enrollment.</b></p> <p>This learning plan addresses failure analysis as applied to the internal combustion engine and its major components.</p>
<b>Included Courses</b>	CC3 Failure Analysis ILT (24 hour classroom)
<b>Schedule</b>	
GA, Norcross (DCA)	Jun 18-20 @ \$800.00/attendee



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Learning Plan	RS07 Application Engineering
<b>Description</b>	<p>A CC3 level certification program for Distributor application engineers. This learning plan includes 24 hours of classroom instruction.</p> <p>This learning plan addresses application engineering as applied to the DEUTZ internal combustion products.</p>
<b>Included Courses</b>	<p>DEUTZ Service Support Systems (online)</p> <p>CAN Bus System Fundamentals (online)</p> <p>Serdia Introduction (online)</p> <p>Serdia Advanced Navigation (online)</p> <p>Serdia Graphics (online)</p> <p>Serdia G2-4 Liter Engines (online)</p> <p>DEUTZ Application Engineering ILT (24 hour classroom)</p>
<b>Schedule</b>	
GA, Norcross (DCA)	Sep 10-12 @ \$800.00/attendee